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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/621,660	07/17/2003	Amanda Marie Worthington		2055

7590 12/14/2004

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EXAMINER


TRUONG, BAO Q

ART UNIT PAPER NUMBER

2875

DATE MAILED: 12/14/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<p align="center"><b>Office Action Summary</b></p>	<b>Application No.</b> 10/621,660	<b>Applicant(s)</b> WORTHINGTON, AMANDA MARIE	
	<b>Examiner</b> Bao Q. Truong	<b>Art Unit</b> 2875	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 17 July 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Objections***

1. Claims 1, 3, 13 and 15 are objected to because of the following informalities:

Claims 1 and 13, "comprising" in line 5 should be changed to --including-- or --having--.

Claims 3 and 15, "power source 9" should be changed to --power source-- or --power source (9)--.

Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 2, 13 and 14 are rejected under 35 U.S.C. 102(b) as being anticipated by Chien [US 5,836,671].

Regarding claims 1 and 13, Chien discloses an apparatus for lighting a wearable item [1] having a flexible electroluminescent wire [2], an attaching means, a power source [303], a connecting wire, a control driver including a switch [301], a circuit means [401, 402, 403], the item [1] having an outer portion

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and a plurality of seams, and the flexible electroluminescent wire [2] being attached to the outer portion of the item [1] (figures 1-6, column 2 lines 49-64, column 3 lines 35-47).

Regarding claims 2 and 14, Chien discloses the circuit means having a function interface [403] (figure 4, column 4 lines 61-67, column 4 lines 1-5).

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 3-10 and 15-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chien in view of Bryan [US 6,340,235].

Regarding claims 3 and 15, Chien discloses an electrical circuitry for illuminating an electroluminescent wire [2] (figures 4-5). Chien does not disclose the time-out switch.

Bryan discloses a time-out switch [122] for setting a predetermined amount of time for closing of a switch in a circuitry for illuminating an electroluminescent panel (figure 25, column 9 lines 30-47).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to use modify the circuitry of Chien by the time-out

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switch as taught by Bryan to set a predetermined amount of time for closing of a switch for purpose of saving electrical energy.

Regarding claims 4 and 16, Chien discloses an attaching means being tape (column 3 lines 30-31).

Regarding claims 5 and 17, Chien discloses DC/AC converter [401] (figures 4-5, column 3 line 64).

Regarding claims 6 and 18, Chien discloses a dry cell battery (column 3 line 49).

Regarding claims 7 and 19, Bryan discloses a rechargeable battery (column 5 line 36).

Regarding claims 8 and 20, Chien discloses the flexible luminescent wire [2] being attached to the item along the item's seams (figures 1-2).

Regarding claims 9-10 and 21-22, Chien discloses a backpack and a waist pack (column 2 lines 23-24).

6. Claims 11-12 and 23-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chien in view of Yei [US 6,116,745].

Regarding claims 11-12 and 23-24, Chien does not disclose the item being a jacket.

Yei discloses a wearable item being a jacket (column 2 lines 25-30).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to use replace the wearable item of Chien by a

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jacket as taught by Yei for purpose of providing an advantageous illumination jacket.

### ***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Chien [5,871,269] discloses an EL wearable item. Quintana [US 5,934,790] discloses a purse light system with a time control switch.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bao Q. Truong whose telephone number is (571) 272-2383. The examiner can normally be reached on Monday-Friday (8:00 AM - 4:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra L. O'Shea can be reached on (571) 272-2378. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR

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system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Bao Q. Truong  
Examiner  
Art Unit 2875

A handwritten signature in black ink, appearing to read 'T. M. Sember', with a long horizontal stroke extending to the right.

**THOMAS M. SEMBER  
PRIMARY EXAMINER**